

# THE ENVIRONMENTAL EDGE

Your edge for environmental issues and knowledge

Issue 3

November 2011

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### Inside this issue:

Statewide Solid Waste Management Report 2010 Update	1
5-Year Update for Area Solid Waste Management Plans—2013-2017	1
Important County Timelines for 2011 and 2012	1
Reporting Assistance Needed?	2
Commonwealth Cleanup Week	2
Recycling Terms Can be Confusing	2
Land, Air and Water	2
News You Can Use	3
Survey: E-Waste Recycling	3
Report: Disposal of Used Needles at home a concern	3
Focus on: Jessamine County	3-5
Editor's Note	5
Important County Grant Timelines	6-7

### Statewide Solid Waste Management Report – 2010 Update

The Statewide Solid Waste Management Report, a summary of calendar year 2010 information compiled from the county annual reports, is nearly complete. The accuracy of the submitted reports by each solid waste management area is important because this information is used for the projections of both county and state funds necessary to support each county's needs.

The document will be available on our website, <http://waste.ky.gov/RLA/Pages/SWMreports.aspx> by November 2011. The report shows trends in collection and disposal amounts, recycling accomplishments, the amounts of money used to cleanup illegal open dumps and litter, as well as the educational efforts put forth by counties. The report is given to the legislature and is necessary to plan for modifications in statutes and regulations that affect our programs.

### Five Year Update for Area Solid Waste Management Plans - 2013-2017

The Local Assistance Section will visit each Area Development District (ADD) in February 2012 to address the updates of each county or regional area's plans. Specific dates will be announced in a future edition of *The Environmental Edge*. This will be the opportunity to bring in the current Solid Waste Management Plan to discuss the components of your plan. Now is also a good time to review and update your county ordinances, as well as meeting with your solid waste management advisory committee, both prior to and after the workshop at the ADD. Each (SWMP) is due to the cabinet no later than Oct. 1, 2012. The cabinet has 120 business days to approve the 2013-2017 SWMP. The meetings will be open to solid waste coordinators, governing body chairs, recycling and enforcement personnel for coun-

ties, and plan writers from each ADD. Space may be limited, depending on the ADD's conference rooms.

### Important County Timelines for 2011 and 2012

Ever wonder when an illegal open dump, litter, or recycling application is due? What about those quarterly or final reports?

To help solve the problem, attached is a calendar that highlights the next few months' activities and due dates. The two page calendar lists the important timeframes that need to be met in order to have a smoothly running program.

Hang the calendar on your wall using a hammer, tape, a piece of gum or whatever else you can come up with to have it in eyesight. The calendar lists both Local Assistance and Recycling Assistance grants' programs.

## **Reporting Assistance Needed?**

**Vehicle and Equipment Rates:** Recycling, household hazardous waste, and illegal open dump grants all allow specific equipment as an in-kind expense or grant expenditure. Click on [www.fema.gov/government/grant/pa/eqrates.shtml](http://www.fema.gov/government/grant/pa/eqrates.shtml) to find the FEMA rates allowed for the *current* application. Contact your local assistance or recycling assistance staff person prior to the purchase of a vehicle or type of equipment to ensure it is allowed for a particular grant.

**Applications, Agreements, and Guides:** All grants are unique. Whether this is your first or fifth grant, it is always a good idea to review your application, the agreement and any guides that are associated with a particular grant (Household Hazardous Waste Grant Management Handbook, for example). The review can be helpful if you have a question about implementing a grant. Of course, you can always contact us if you have questions. The Recycling and Local Assistance Branch contact staff names for each county are at <http://waste.ky.gov/RLA/Pages> in the drop down box under the gold 'Resources' tab at the top of the page.

## **Commonwealth Cleanup Week – 2011**

Non profit, civic and religious groups were eligible for cash prizes for their participation and cleanup efforts during the 12<sup>th</sup> anniversary of Commonwealth Cleanup Week. The following groups were randomly selected as cash prize winners for 2011:

**Astros Campbellsville Youth Baseball – Taylor County**

**Willis Lodge #9, I.O.O.F., Jonesville – Owen County**

**Shakertown Baptist Mission – Mercer County**

**St Jude's Children's Hospital – Warren County**

**Alpha Kappa Psi – Warren County**

**Frenchburg Group Home – Menifee County**

The groups and their respective solid waste coordinators took advantage of the formal presentation of the checks to highlight each group and their anti-litter projects with newspaper articles and photographs.

The 2010 update of the Statewide Solid Waste Management Report lists the numbers of participating counties, the number of bags of litter collected, tons recycled and other cleanup efforts that encompasses The Great American Cleanup, held annually March through May.

Other participants during the three month period include The Kentucky Pride Fund, East Kentucky PRIDE, Bluegrass PRIDE, the Department of Transportation's Adopt-A-Highway program, as well as residents of cities and communities across the state.

## **Recycling Terms Can be Confusing**

Confused about the terms used in *The Marketplace* for some of the commodities your county collects and sells? In this issue we are going to investigate a recent question from Hardin County. In subsequent issues of *The Environmental Edge* we will focus on another common commodity that counties collect. Hardin County's question was: "We have your flyer listing the prices for paper, plastics, glass and metals. We are unable to determine the meaning of two paper codes: "#6 and #8 ONP" and "#11 OCC". Please define their meaning. Thank you."

Billy Hill and Tom Heil worked together to answer their question. The abbreviations refer to old newspapers (ONP) and old corrugated cardboard (OCC). The numbers #6, #8, and #11 reflect the prices that each commodity can bring, based on several factors. The #6 and #8 prices for

ONP reflect the "cleanliness and/or type" of the collected material. The #6 is sold for a lower price because it is usually collected curbside (may be some contamination) and contains all the inserts as well as other paper products. The #8 ONP include uncirculated (cleaner) newspapers. Click on the following link from the Institute of Scrap Recycling Industries, Inc. (ISRI) website for a glossary of paper stock terms on pages 25 – 26 for specifications on #6 and #8 ONP. See page 26 for #11 OCC specifications. Discover other useful information from [\*Scrap Specifications Circular 2011\*](#).

## **Land Air and Water**

The Energy and Environment Cabinet's 2011 Fall issue of *Land Air and Water* features a story written by Shannon Powers of the Recycling Assistance Section featuring Boyle County's recycling program. The article includes valuable information on educating the public about recycling. Donna Fechter, Boyle County's solid waste coordinator, outlines the various programs she utilizes. Click on for <http://eec.ky.gov/Pages/LandAirWater.aspx> for the complete story.

## News You Can Use

Occasionally we will share articles from magazines and electronic newsletters from around the country. The two articles included in this edition are from *Waste & Recycling News* at [www.wasterecyclingnews.com](http://www.wasterecyclingnews.com), a daily electronic newsletter with recycling news from around the world.

The first article on E-waste highlights Kentucky's effort to add tons of e-scrap collected through the state contract with Creative Solutions. Each month *The Marketplace* updates the amount of electronic scrap collected and the funds paid to local governments, universities and schools, and state agencies by Creative Solutions. See October's latest figures on page one at <http://waste.ky.gov/RLA/recycling/Documents/Marketplace/Marketplace%20Oct%202011.pdf>. Contact Tom Heil at [Thomas.Heil@ky.gov](mailto:Thomas.Heil@ky.gov) or at 502-564-6716, ext. 4640 to learn more about the state contract.

## Survey: E-waste recycling brings in \$5 billion

Oct. 5 — Approximately 3.5 million tons of electronics were recycled by the domestic recycling industry in 2010, a report from the International Data Corporation said.

The e-waste recycling industry employs more than 30,000 workers and has an estimated revenue of more than \$5 billion, said David Daoud, the company's research director.

"This survey shows a booming electronics recycling industry and prescribes a clear path for even more growth," said Robin Wiener, president of the Institute of Scrap Recycling Industries, in a statement. "Electronics recyclers are creating American jobs, adopting an industry standard that will help sustain growth and are recycling electronics here at home."

The survey points to growth in the market, because American households account for most of the new electronics market, but only contribute to 26% of the recycling market.

Contact *Waste & Recycling News* reporter Jeremy Carroll at [jcarroll@crain.com](mailto:jcarroll@crain.com) or 313-446-6780.

The second article, also by Jeremy Carroll, reporter for *Waste & Recycling News*, concerns the disposal of used needles by home owners. While the household hazardous waste grants do not provide for the collection for used needles, our division web page does address the best practices and alternatives for disposal of used needles. Click on

<http://waste.ky.gov/RLA/Documents/Factsheet/needles010711.pdf>. The article can be the jumping off point as an educational tool to provide your community with alternatives for the disposal used needles.

## Report: Disposal of used needles at home a concern

Oct. 13 -- The number of household-disposed used needles and syringes, commonly referred to as sharps, has nearly doubled in the last 10 years, the Coalition for Safe Community Needle Disposal said.

The nonprofit organization said that an estimated 13.5 million Americans discarded 7.8 billion used sharps in 2010. Ten years ago, Americans disposed of about 3 billion to 4 billion sharps annually, the organization said.

Dr. Ben Hoffman, chairman of the Coalition for Safe Community Needle Disposal, said the group predicted the increase because of an increase in the average age of Americans, the prevalence of diabetes and an increase of home pharmaceutical treatments delivered by injection.

"These numbers will likely continue to increase for those same reasons over the next 10 years," Hoffman said in a state-

ment. "Unfortunately, the majority of self-injectors are still disposing of home-generated sharps in the municipal solid waste stream."

He said that puts garbage workers and others at risk from accidental injections.

In 2004, the U.S. EPA changed its recommendation on the disposal of home-generated sharps to encourage individuals to participate in alternative disposal methods, including community-sponsored drop-off collections, household hazardous waste programs and residential special waste pick-up.

Several states, including California, Mississippi, Florida, New Jersey, New York, Oregon and Wisconsin, have passed laws to deal with the disposal of residential used needles.

Contact *Waste & Recycling News* reporter Jeremy Carroll at [jcarroll@crain.com](mailto:jcarroll@crain.com) or 313-446-6780.

Thank you, Jeremy, for allowing us to copy your articles for our edition of *The Environmental Edge*.

## Focus On: Jessamine County

Each month the editor will focus on a county's program in an effort to showcase implementation of a county's area solid



waste management plan component. This issue highlights an example of a newspaper article written by Mike Cassidy, director, Jessamine County Environmental Services and solid waste coordinator. Mike's article informs the public of the recycling and household hazardous waste grants received through the Division of Waste Management for the 2010 – 2011 grant period and credits the fiscal court, the cities of Wilmore and Nicholasville, and Asbury College as partners in the application. The increase in recycling participation is a result of education, reorganization of the recycling layout and the increased participation of the residents of the county. Read on to learn more of Jessamine County's successes.

### **County receives funding for recycling, environmental programs — Journal staff report**

news@jessaminejournal.com  
July 7, 2010

Director of Jessamine County Environmental Services Coordinator Mike Cassidy announced that the Jessamine County Fiscal Court has been awarded two grants from the Kentucky Division of Waste Management. The first is a grant in the amount of

\$136,236.90 to be used to expand the county's recycling department; the second grant is in the amount of \$20,179.51 to host a household hazardous waste collection event. Jessamine County was one of 38 counties to receive a recycling grant and one of 10 counties to receive a grant for a household hazardous waste collection event.

As part of its expansion of recycling efforts, the county will purchase a variety of equipment to enhance and improve the recycling process for county residents and the sorting process for employees. Specific purchases include a roll-off compactor, an 18-foot conveyer belt, a skid steer with grapple bucket and six recycling drop-off trailers. The grant will also fund a six-month advertising campaign to promote the new recycling program and educate the public about what can and can't be recycled.

"The equipment purchased will be used to change the way Jessamine County recycles — from a sorting operation where material has to be separated to a single-stream operation similar to Fayette County where material is not separated but goes in

one container," Cassidy said. "When I accepted the position of solid waste coordinator, Judge-Executive (Neal) Cassidy told me his vision to offer single-stream recycling to the citizens of Jessamine County. Judge Cassidy felt that if recycling could be made easier by not separating material, then the public would be more likely to participate. These grants will help the judge's vision become a reality."

Although the recycling expansion grant required a 25-percent match from the fiscal court, that percentage was met with in-kind contributions of salaries from both employees of the fiscal court and employees of the city of Wilmore. The Jessamine County Fiscal Court was the primary applicant; however, the city of Nicholasville, the city of Wilmore and Asbury College are all partners in the application.

"I feel that those facts show the true commitment of all four of these agencies to come together for one common interest, to prevent as much waste as possible from entering our landfill," Cassidy said. Cassidy hopes to begin the bidding process for equipment July 1, 2010,

and start the changeover to single-stream recycling following the receipt of the equipment.

The grant for \$20,179.51 will be used to collect household hazardous waste free of charge from citizens of Jessamine County. Household hazardous waste is a variety of material that can pose a danger to the environment if they are improperly disposed of, including motor oil, antifreeze, batteries, corrosive acids or cleaners, poisons, fertilizers and solvents. The remaining \$914.76 of grant funds will pay for advertising for the event. This grant also required a match of 25 percent from the fiscal court.

Jessamine County Environmental Services has also recently received a grant from the Division of Waste Management in the sum of \$20,000 to assist with the disposal of flood debris. The Jessamine County Road Department has made two trips around the county picking debris up curbside, and to date, 453,580 pounds or 226 tons of debris have been disposed of at no cost to the victims of the flood. "These grants and the work we can accomplish with them represent a huge step for the fiscal court in providing a more convenient

recycling program," Cassidy said.

For more information, contact Jessamine County Environmental Services at (859)881-4545.

### **Editor's Note**

*The Environmental Edge* is a cooperative effort by all staff of the Recycling and Local Assistance Branch. We would enjoy your participation as well – submit a newspaper article, an innovative idea for cleaning illegal open dumps, a new hands-on approach to illustrate the benefits of recycling or an issue you would like addressed – in other words, anything that increases the public's awareness of sound solid waste management. We welcome pictures, also. *The Environmental Edge* is intended for our audience of solid waste coordinators, governing body chairs (judge/executive or 109 board chair), our regional field offices, advisory committee members, fiscal court members, and others that have an interest in their county's management of municipal solid waste. Please feel free to pass along this edition and forward email addresses for others that would enjoy our next edition.

**IMPORTANT COUNTY GRANT TIMELINES**

**NOTE:** All grant applications will be available on <http://waste.ky.gov/RLA/grants/Pages/default.aspx>; on the date identified on the calendar; in addition, all grant applications will be emailed.

**IMPORTANT COUNTY GRANT TIMELINES - 2011**

DECEMBER 2011						
SUN.	MON.	TUES.	WED.	THURSDAY	FRI.	SAT.
				1st Crumb Rubber Grant Applications AVAILABLE	2	3

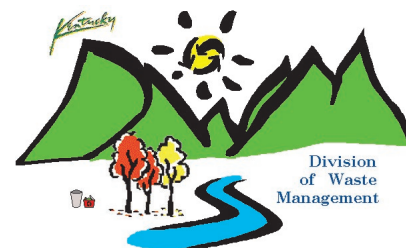
**IMPORTANT COUNTY GRANT TIMELINES - 2012**

JANUARY 2012						
SUN.	MON.	TUESDAY	WED.	THURS.	FRI.	SAT.
1st	<b>FIVE YEAR UPDATE PLAN FORMS WILL BE EMAILED to COUNTIES THIS WEEK Recycling &amp; HHW Grant Applications AVAILABLE</b>					7th
29	30	31st Crumb Rubber Grant Application DUE				

FEBRUARY 2012						
SUN.	MON.	TUESDAY	WED.	THUR.	FRI.	SAT.
	<b>Throughout the month of February, the Local Assistance Staff will conduct meetings at the ADD offices to review the 2013 - 2017 SWMP Update</b>					

MARCH 2012						
SUN.	MON.	TUES.	WED.	THURSDAY	FRIDAY	SAT.
				1st Solid Waste Management Area Annual Report DUE	Cities should report directly to the cabinet although it's fine if their information is included in the Annual Report.	

APRIL 2012						
SUNDAY	MONDAY	TUES.	WED.	THURS.	FRI.	SAT.
<b>1<sup>st</sup></b> <b>Recycling &amp; Household Hazardous Waste (HHW) Management Grant Application DUE</b>	<b>2<sup>nd</sup></b> <b>Recycling &amp; HHW Grant Ap- plications will be accepted <i>no later than 4:30 PM, EST, Mon., April 2<sup>nd</sup> at the 2<sup>nd</sup> Floor re- ception desk, 200 Fair Oaks Lane, Frankfort, KY 40601</i></b>	3	4	5	6	7
<b>15<sup>th</sup></b> <b>Unspent Litter Funds DUE</b>	<b>16<sup>th</sup></b> <b>Unspent Litter Funds will be accepted <i>no later than 4:30 PM, EST, Mon., April 16<sup>th</sup> at the 2<sup>nd</sup> Floor reception desk, 200 Fair Oaks Lane, Frank- fort, KY 40601</i></b>	17	18	19	20	21



### Our Mission

The Recycling and Local Assistance Branch (RLA) provides continuous technical assistance and training to public and private entities on solid waste issues and regulatory requirements and promotes individual responsibility and accountability for proper solid waste management.

Kentucky has a solid waste law commonly referred to as HB 174. The law establishes priorities for proper solid waste management in Kentucky through waste reduction, recycling, proper closure of abandoned landfills, education, proper collection and disposal of solid waste, elimination of illegal open dumps and abatement of litter.



### Recycling and Local Assistance Branch

Recycling and Local Assistance Branch  
Division of Waste Management  
200 Fair Oaks Lane, 2<sup>nd</sup> Floor  
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We're on the Web!!

[www.waste.ky.gov](http://www.waste.ky.gov)

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Energy and Environment Cabinet